

“Connecting foot for orbital movement machines for machining surfaces, in particular orbital sanders, and orbital sanding machine using the said foot”

ABSTRACT

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5 The present discovery refers to a connecting foot for a machine constituted by a central cylinder of hard plastic material, possibly fitted with a hole, coaxial to said central cylinder, and by an external coating of rubber. Said rubber also fills the hole forming a rod that connects the two heads of the external coating. The external coating of the foot is constituted by a
10 single piece that completely covers the internal cylinder. An orbital sanding machine is also described, comprising a machine body that supports a motor for the rotation of a vertical shaft, a rotative-orbital plate connected eccentrically to said shaft by means of an eccentric hub in relation to the axis of the shaft and elastic connecting feet between the operating plate and the
15 machine body. Said connecting feet comprise an internal cylinder of hard plastic and a rubber coating and in addition a rubber ring is provided for, which surrounds the feet group so as to prevent the reaction torques applied to the plate from modifying the initial set-up of the plate itself and also thanks to a conveyor it creates an area protected from the dust, inside which
20 the feet are placed.